

**Stretch of rail comprising a switch element and a length of rail**  
**welded without deposition of metal**

**ABSTRACT**

The stretch of rail comprises a railway switch element (12) made from high-alloy steel, in which at least one alloy element has a content equal to at least 5% by weight, and a length of rail (14) made from steel, connected to one another by a weld without deposition of metal. The length of rail (14) is formed from a medium-alloy low-carbon steel of which the carbon content is less than 0.55% by weight.

Figure 1.